

FIG. 1

The diagram illustrates a system for measuring the refractive index of a material. At the top, a light source (34) emits light through a lens (31) and a beam splitter (33) into a sample (2). The light is collected by two detectors (16, 17) and processed by a central unit (27) connected to a computer (35). The system also includes a control unit (21) and a display (22) connected to the central unit. The diagram shows the optical path and the electrical connections between the components.

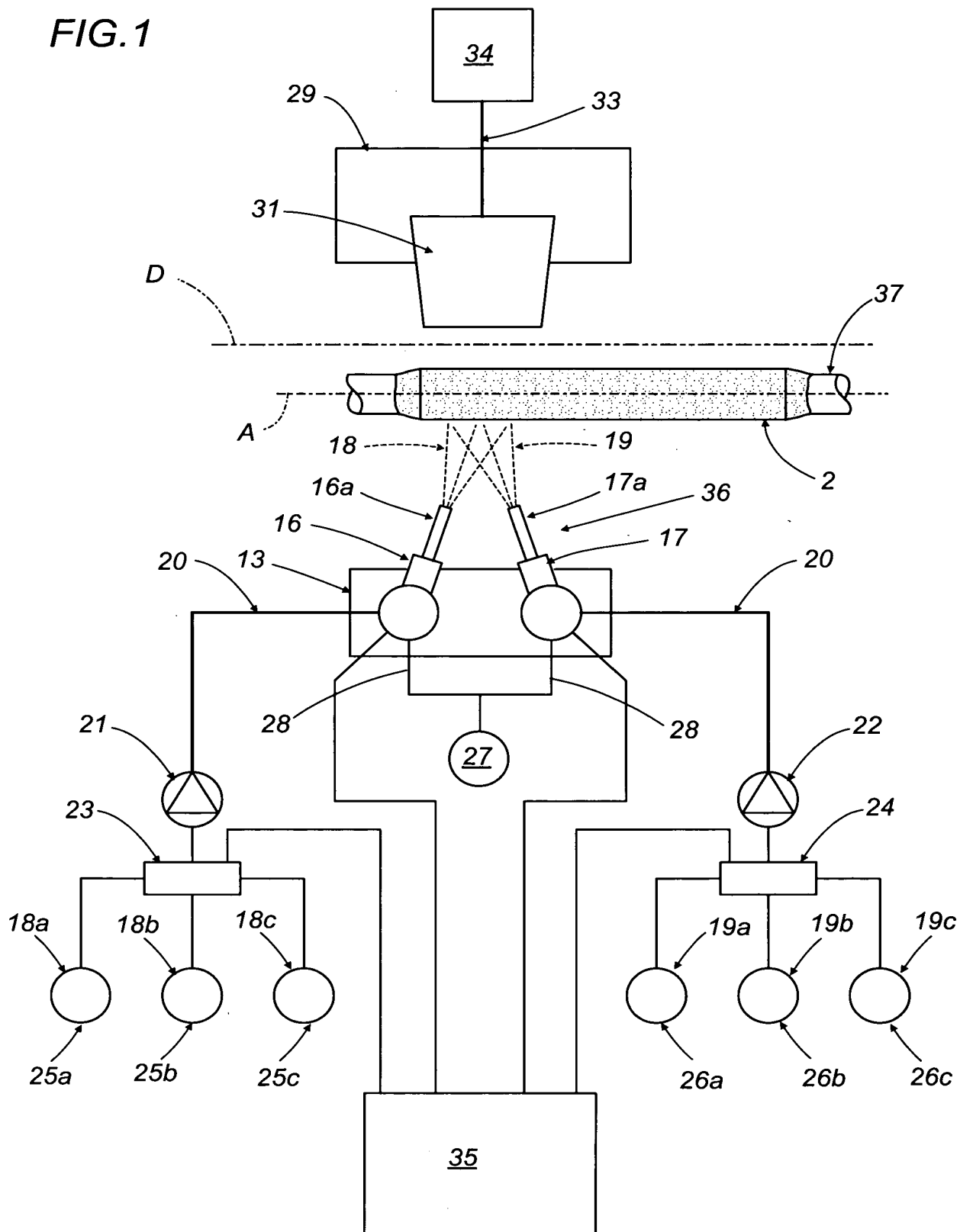


FIG.2

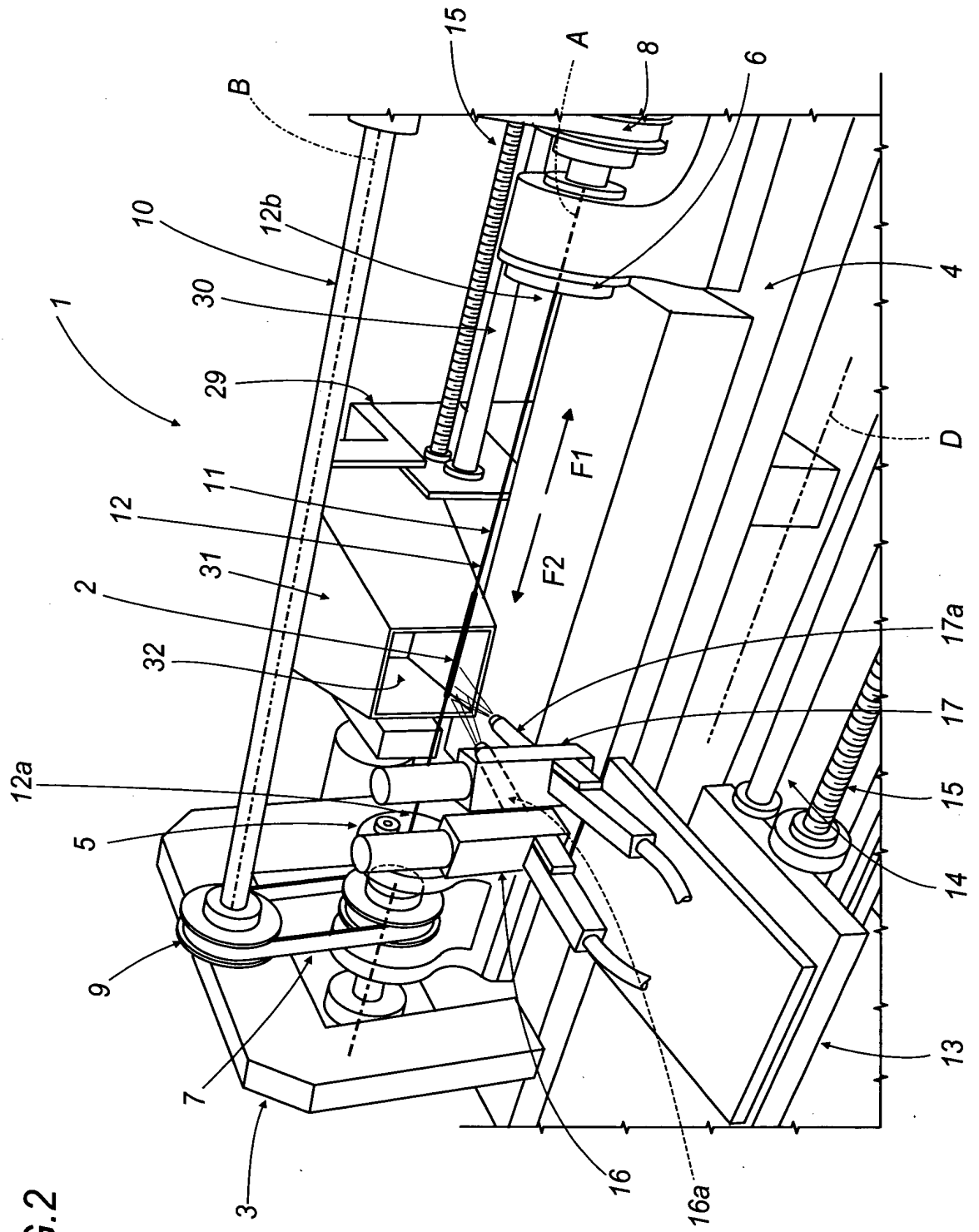


FIG.3

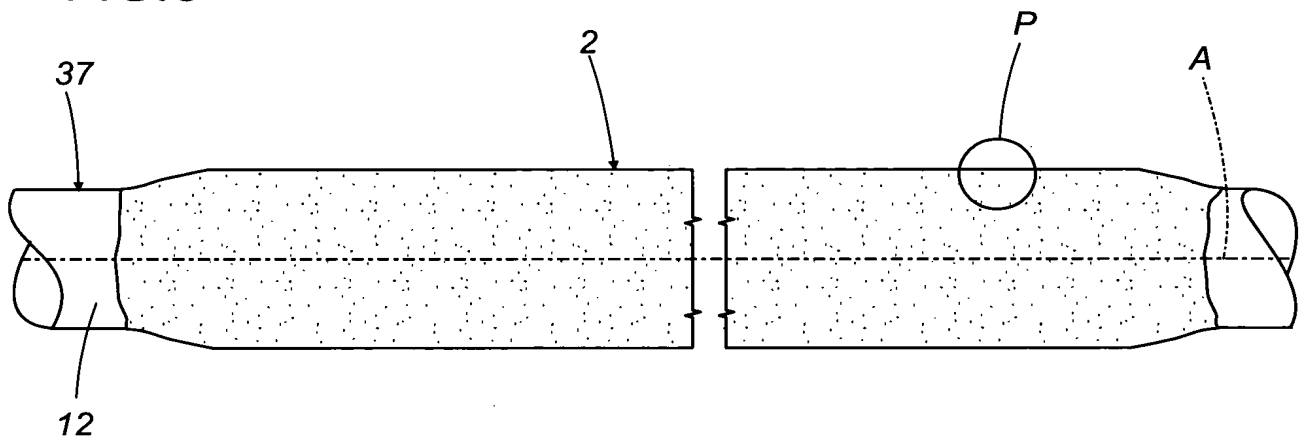


FIG.4

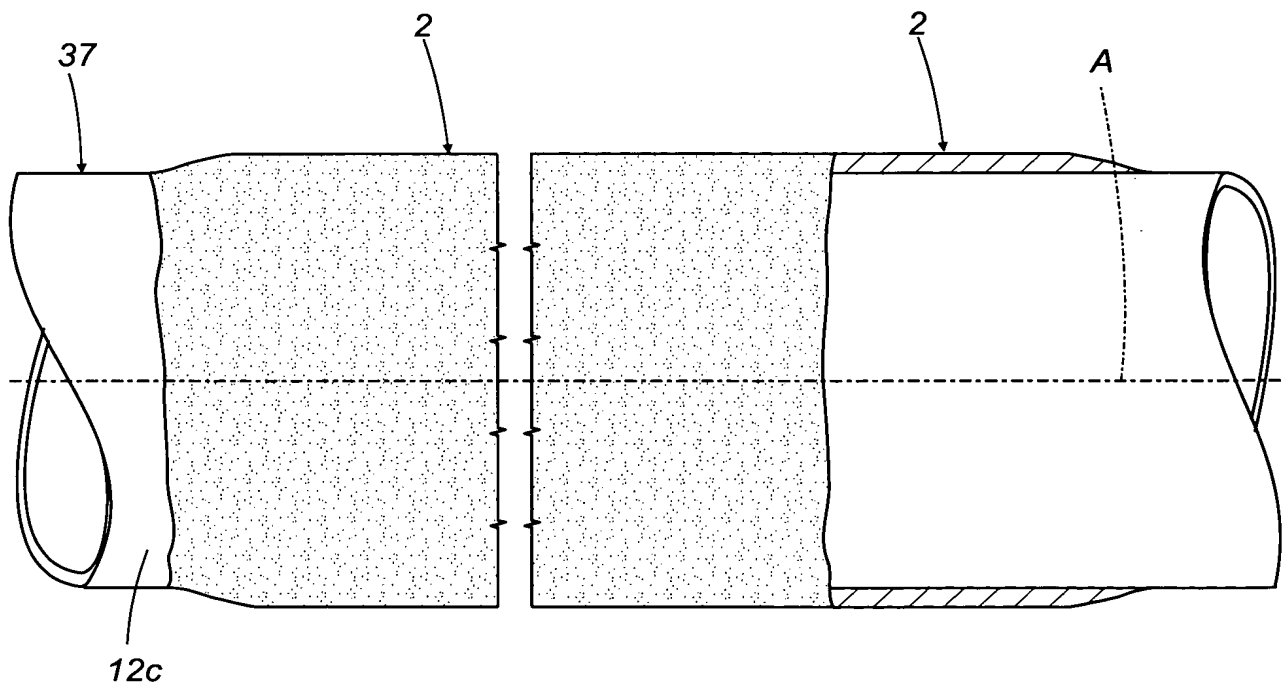


FIG.5

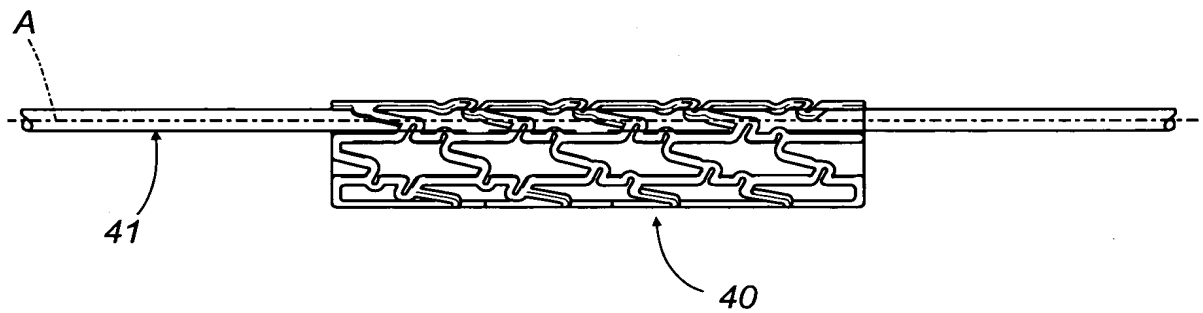


FIG.6

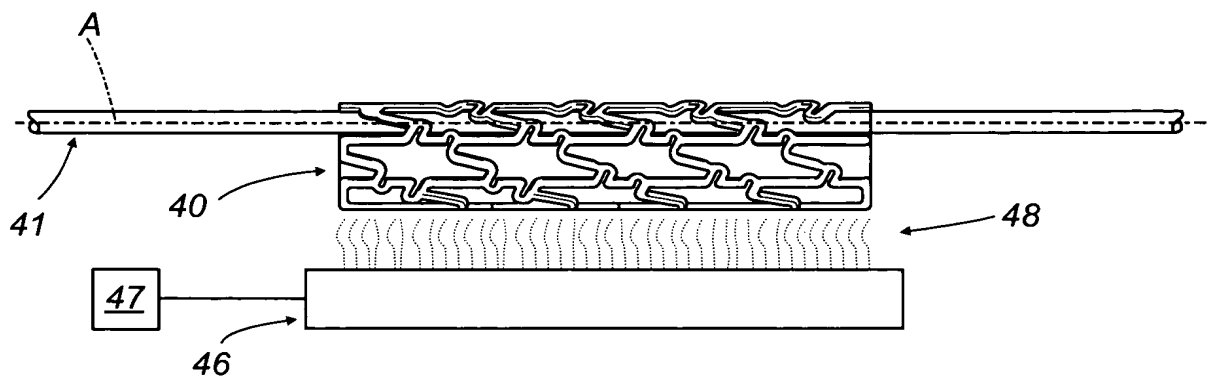


FIG.7

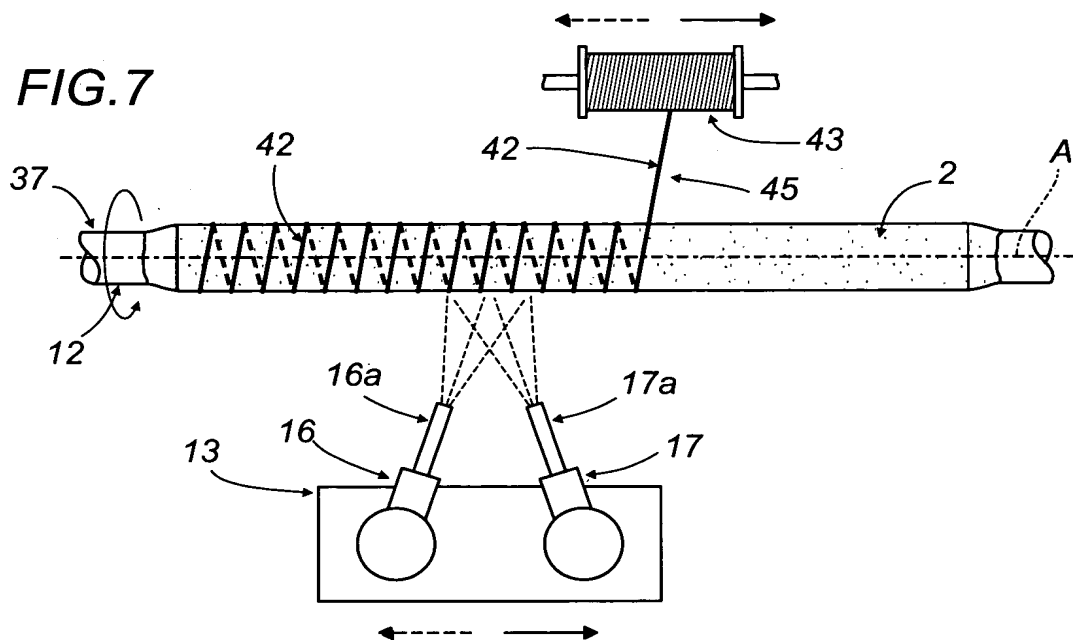


FIG.8

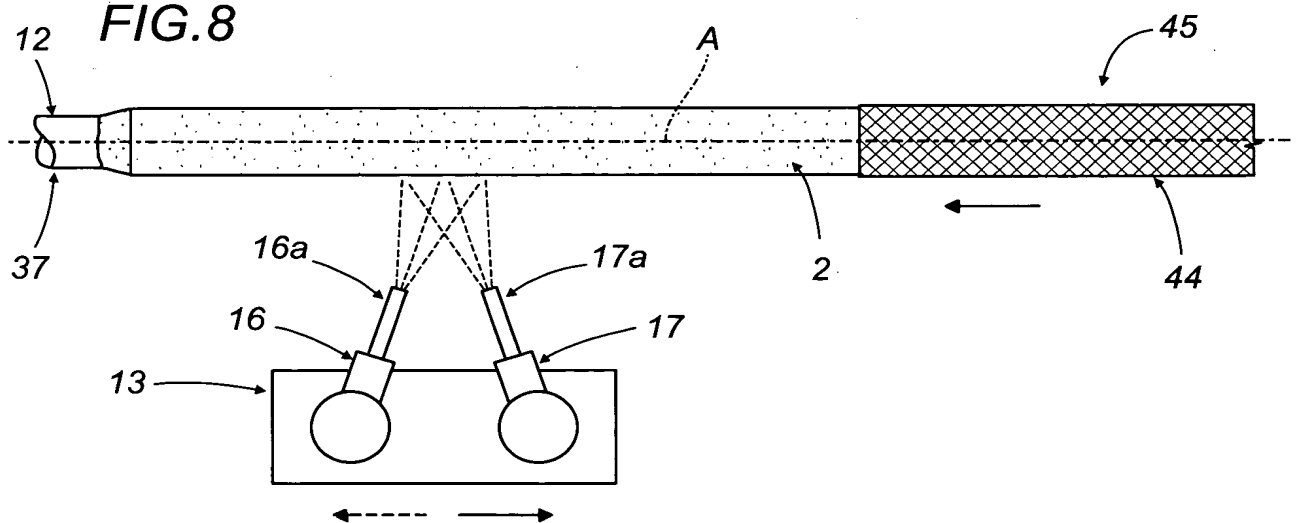


FIG.9

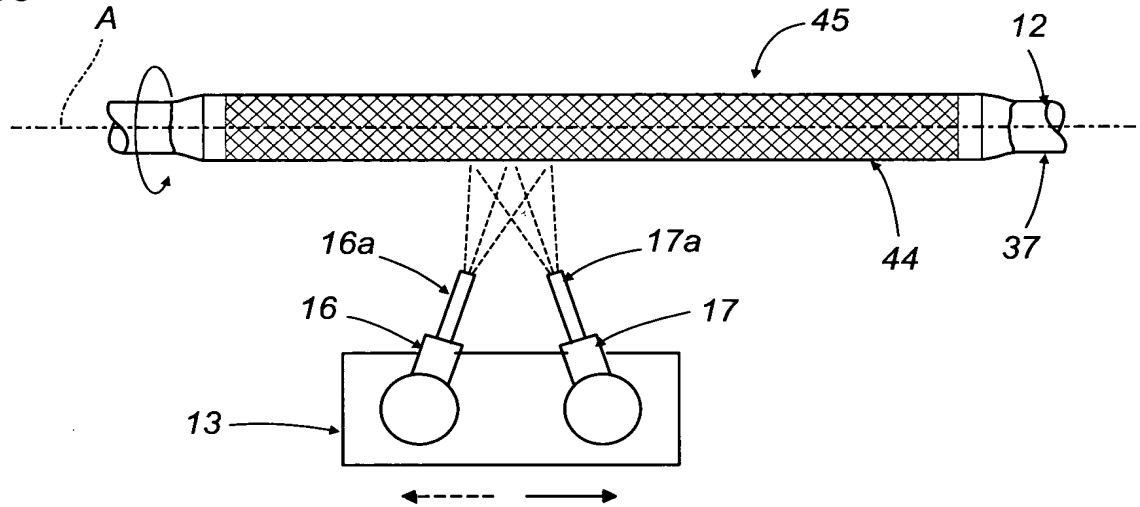


FIG.10

